

Title (en)

IMPACT-RESISTANT SURFACE-MOUNTED ROOF SENSORS

Title (de)

OBERFLÄCHENMONTIERTE SCHLAGZÄHE DACHSENSOREN

Title (fr)

CAPTEURS DE TOIT POUR MONTAGE EN SURFACE ET RÉSISTANTS AUX CHOCS

Publication

EP 2758761 A4 20150527 (EN)

Application

EP 12833501 A 20120919

Priority

- US 201161536425 P 20110919
- US 2012056117 W 20120919

Abstract (en)

[origin: WO2013043724A1] Various systems and techniques may be used to enhance the sensing loads on a roof surface. In some implementations, an impact-resistant surface-mounted roof sensor system may include a sensor, a protective cover, and a load transfer mechanism. The sensor may be adapted to sense a load incident thereon, and the protective cover may be configured to span at least the width of the sensor and adapted to withstand impacts from dense media and an direct incident load. The load transfer mechanism may be adapted to mechanically transfer a load applied on the protective cover to the sensor.

IPC 8 full level

G01L 1/16 (2006.01); **E04D 13/00** (2006.01); **G01G 21/00** (2006.01); **G01L 1/26** (2006.01); **G01M 5/00** (2006.01)

CPC (source: EP US)

E04D 13/00 (2013.01 - EP US); **G01L 1/16** (2013.01 - EP US); **G01L 1/26** (2013.01 - EP US); **G01M 5/0041** (2013.01 - EP US)

Citation (search report)

- [X1] DE 102006014813 B3 20070906 - PRO MICRON GMBH & CO KG MODULA [DE], et al
- [X1] PL 64978 Y1 20100630 - AKADEMIA PODLASKA [PL]
- [X1] DE 102006040549 A1 20080327 - BARTH MANFRED [DE]
- See references of WO 2013043724A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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